## DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

the specification of which (check one)

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

#### LIVENESS MONITORING IN A PUBLISH/SUBSCRIBE MESSAGING SYSTEM

_x_	is attached here	eto.				
	was filed on as Application S and was amend					
				and the contents o	of the above identif pove.	ied specification,
	owledge the duty ordance with Title		nation v	which is material to	the patentability of	of this application
or inve	ntor's certificate	listed below and h	ave als	so identified below	any foreign applica any foreign applica on on which priority	ition for patent or
	Prior Foreign A	pplication(s):				
	0308035.5 Number	United Kingdom Country		08/04/2003 Filing Date Day/Month/Year	XYes _ Priority Clair	
insofar United acknov in Title	as the subject States applicati vledge the duty t 37, CFR 1.56 w	matter of each o ion in the manne o disclose informa	f the c r provi ition ma veen th	laims of this appli ded by the first p aterial to the paten	ates application(s) cation is not discle caragraph of Title tability of this applic prior application ar	osed in the prior 35, USC 112, I cation as defined
	Prior U.S. Appli	ications:				
	Serial No.	i	Filing D	ate	Status	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

2

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

John W Henderson, Jr, Reg No 26,907; James H Barksdale, Jr, Reg No 24,091; Thomas E Tyson, Reg No 28,543; Robert M Carwell, Reg No 28,499; Jeffrey S LaBaw, Reg No 31,633; Douglas H Lefeve, Reg No 26,193; Casimer K Salys, Reg No28,900; David A Mims, Jr, Reg No 32,708; Mark E McBurney, Reg No 33,114; Leslie A Van Leeuwen, Reg No 42,196; Christopher A Hughes, Reg No 26,914; John E Hoel, Reg No 26,279; Joseph C Redmond, Jr, Reg No 18,753; Marilyn S Dawkins, Reg No 31,140; Diana L Roberts, Reg No 36,654

Send all correspondence to:

IBM Corporation IP Law Department 11400 Burnet Road Austin, TX 78758 Tel: (512)

FULL NAME OF SOLE OR FI	RST INVENTOR: Boaz Carmeli
INVENTOR'S SIGNATURE:	
DATE:	
RESIDENCE:	27 Koranit, Koranit 20181, Israel
CITIZENSHIP:	Israeli
POST OFFICE ADDRESS:	Same as residence
FULL NAME OF SECOND IN	VENTOR: John J Duigenan
INVENTOR'S SIGNATURE:	- Commander
DATE:	NOVEMBER 11th 2003
RESIDENCE:	27 Linden Hall, 80 Christchurch Road, Bournemouth, Dorset BH1 4DA, United Kingdom
CITIZENSHIP:	British
POST OFFICE ADDRESS:	Same as residence

Docket No: GB920020070US1

FULL NAME OF THIRD INVEN	TOR: Gidon Gershinsky
INVENTOR'S SIGNATURE:	
DATE:	
RESIDENCE:	16/2 Koifman Street, Haifa, Israel 34780
CITIZENSHIP:	Israeli
POST OFFICE ADDRESS:	Same as residence
FULL NAME OF FOURTH INVE	ENTOR: Stephen J Todd
INVENTOR'S SIGNATURE:	
DATE:	
RESIDENCE:	10 Christchurch Road, Winchester, Hampshire SO23 9SR, United Kingdom
CITIZENSHIP:	British
POST OFFICE ADDRESS:	Same as residence
FULL NAME OF FIFTH INVENT	TOR: Graham D Wallis
INVENTOR'S SIGNATURE:	
DATE:	
RESIDENCE:	4 Itchen Close, West Wellow, Hampshire SO51 6GX, United Kingdom
CITIZENSHIP:	British
POST OFFICE ADDRESS:	Same as residence

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the spe	cification of whic	ch (check one)		
_x_	is attached here	eto.		
	was filed on as Application S and was amend			
			rstand the contents of t dment referred to above.	he above identified specification,
	wledge the duty ance with Title 37		which is material to the	patentability of this application in
invento	r's certificate lis	ted below and have al	so identified below any	oreign application(s) for patent or foreign application for patent or which priority is claimed:
	Prior Foreign A	pplication(s):		·
	0308035.5 Number	United Kingdom Country	08/04/2003 Filing Date Day/Month/Year	XYesNo Priority Claimed
insofar States duty to which o	as the subject napplication in the disclose information.	matter of each of the cla e manner provided by th tion material to the pate	ims of this application is e first paragraph of Title ntability of this application	es application(s) listed below and, is not disclosed in the prior United 35, USC 112, I acknowledge the n as defined in Title 37, CFR 1.56 national or PCT international filing
	Prior U.S. Appli	cations:		
	Serial No.	Filing C	Pate	Status

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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IBM Corporation IP Law Department 11400 Burnet Road Austin, TX 78758 Tel: (512)

FULL NAME OF SOLE OR FIF	RST INVENTOR: Boaz Carmeli
NVENTOR'S SIGNATURE:	
DATE:	October 30 2003
RESIDENCE:	27 Koranit, Koranit 20181, Israel
CITIZENSHIP:	Israeli
POST OFFICE ADDRESS:	Same as residence
•	
FULL NAME OF SECOND INV	ENTOR: John J Duigenan
INVENTOR'S SIGNATURE:	
DATE:	
RESIDENCE:	27 Linden Hall, 80 Christchurch Road, Bournemouth, Dorset BH1 4DA, United Kingdom
CITIZENSHIP:	British
POST OFFICE ADDRESS:	Same as residence

FULL NAME OF THIRD INVEN	TOR: Gidon Gershinsky
INVENTOR'S SIGNATURE:	
DATE:	October 30, 2003
RESIDENCE:	16/2 Koifman Street, Haifa, Israel 34780
CITIZENSHIP:	Israeli
POST OFFICE ADDRESS:	Same as residence
FULL NAME OF FOURTH INVE	ENTOR: Stephen J Todd
INVENTOR'S SIGNATURE:	
DATE:	
RESIDENCE:	10 Christchurch Road, Winchester, Hampshire SO23 9SR, United Kingdom
CITIZENSHIP:	British
POST OFFICE ADDRESS:	Same as residence
FULL NAME OF FIFTH INVEN	TOR: Graham D Wallis
INVENTOR'S SIGNATURE:	
DATE:	
RESIDENCE:	4 Itchen Close, West Wellow, Hampshire SO51 6GX, United Kingdom
CITIZENSHIP:	British
POST OFFICE ADDRESS:	Same as residence

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Docket No: GB920020070US1

### DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

IBM UKIPLAW

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	LIVENESS M	IONITORING IN A PUE	BLISH/SUBSCRIBE MES	SAGING SYSTEM
the spe	cification of which	h (check one)		
_X_	is attached hereto.			
	was filed on as Application S and was amend	Serial No. led on		
I herek	by state that I having the claims, as	ve reviewed and under amended by any amen	stand the contents of the adment referred to above.	above identified specification,
l ackno	owledge the duty ordance with Title	to disclose information 37, CFR 1.56.	which is material to the	patentability of this application
			itle 35, USC 119 of any fo also identified below any fo that of the application on	oreign application(s) for patent oreign application for patent or which priority is claimed:
	Prior Foreign A	pplication(s):		
	0308035.5 Number	United Kingdom Country	08/04/2003 Filing Date Day/Month/Year	XYesNo Priority Claimed
insofa United ackno in Title	r as the subject I States applicat wledge the duty to 37, CFR 1.56 white and the state of the st	matter of each of the ion in the manner pro- to disclose information hich occurred between date of this application	ovided by the first parag material to the patentability the filing date of the prior	application(s) listed below and, n is not disclosed in the prior raph of Title 35, USC 112, I ty of this application as defined application and the national or
	Prior U.S. Appl	lications:		
	Serial No.	Filing	g Date	Status
stater were	nents made on Ir made with the k	nowledge that willful fa	alse statements and the li	owledge are true and that all distributed further that these statements ke so made are punishable by ited States Code and that such any patent issued thereon.

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INVENTOR'S SIGNATURE:	
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CITIZENSHIP:	British
POST OFFICE ADDRESS:	Same as residence

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INVENTOR'S SIGNATURE:	- Style & John
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CITIZENSHIP:	British
POST OFFICE ADDRESS:	Same as residence
FULL NAME OF FIFTH INVEN	TOR: Graham D Wallis
INVENTOR'S SIGNATURE:	Gahen D Wall's
DATE:	6th November 2003
RESIDENCE:	4 Itchen Close, West Wellow, Hampshire SO51 6GX, United Kingdom
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